BRUHAT BANGALORE MAHANAGARA PALIKE

PWD FORM - 45 (WORK SLIP)

Name of Work: Improvements to Roads and Drains at Yerappa Garden in Ward No. 09 (Vidyaranyapura).

Name of Agency: M/s. K.R Constructions Prop: C. mahesh, No. 286, 7th B Cross, Jakkur Layout, Bangalore - 560064.

Estimated Cost: Rs. 96,00,000.00

Approved Amount : Rs. 88,08,027.28

Work Order No. BBMP/EE/BTP/WO/55/2022-23 Dated: 29-06-2022.

SL. No.	Description	Unit	Qty. as per Sanctioned			Qty. as per Tender			Actual executed Qty.	Qty. as per Actuals upto 125%			Qty. as per Actuals above			Total Executed Amount	Savings	Excess	Remarks
			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2018-19+/- T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Dismantling of existing structures like culverts, bridges, retaining walls and other	Cum	5.04	804.10	4052.66	5.04	844.31	4255.32	5.04	5.04	844.31	4255.32	0.00	0.00	0.00	4255.32	0.00		
2	Dismantling of existing structures like culverts, bridges, retaining walls and other	Cum	9.48	529.10	5015.87	9.48	555.56	5266.71	9.48	9.48	555.56	5266.71	0.00	0.00	0.00	5266.71		0.00	
3	Earth work Excavation by manual means for drains,canals, waste weir, draft, approach	Cum	584.91	204.60	119672.59	584.91	214.83	125656.22	584.91	584.91	214.83	125656.22	0.00	0.00	0.00	125656.22		0.00	
4	Providing and laying in position Plain Cement Concrete Mix 1:3:6 (M10) for levelling course	Cum	71.18	6327.20	450370.10	71.18	6643.56	472888.60	71.18	71.18	6643.56	472888.60	0.00	0.00	0.00	472888.60		0.00	
5	Providing and laying in position Reinforced Cement Concrete for all Sub structures of building,	Cum	139.06	7225.68	1004803.06	139.06	7586.96	1055042.66	139.06	139.06	7586.96	1055042.66	0.00	0.00	0.00	1055042.66		0.00	
6	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure	tonne	8.92	113661.90	1013864.15	8.92	119345.00	1064557.40	8.92	8.92	119345.00	1064557.40	0.00	0.00	0.00	1064557.40	0.00		
7	Providing and Fixing pre cast Covering Slab made out of CC 1:2:4 with 10cm thick and	Sqm	893.43	2337.00	2087945.91	893.43	2453.85	2192343.21	893.43	893.43	2453.85	2192343.21	0.00	0.00	0.00	2192343.21		0.00	
8	Providing and Fixing pre cast Covering Slab 250mm thick made out of CC 1:2:4 and jelly	Sqm	48.24	5418.00	261364.32	48.24	5688.90	274432.54	48.24	48.24	5688.90	274432.54	0.00	0.00	0.00	274432.54		0.00	
9	Earth work in surface Excavation by mechanical means for lowering & leveling	Cum	485.78	71.50	34733.27	485.78	75.08	36472.36	180.03	180.03	75.08	13516.65	0.00	0.00	0.00	13516.65	22955.71		
10	KSRRB 300-58. Compaction of original ground by mechanical means including filling in	Sqm	1119.15	6.36	7117.79	1119.15	6.68	7475.92	514.38	514.38	6.68	3436.06	0.00	1.00	0.00	3436.06	4039.86		
11	Construction of Granular Sub-Base of required grading as per design mixing in a mechanical	Cum	167.87	2581.70	433389.98	167.87	2710.79	455060.32	77.16	77.16	2710.79	209164.56	0.00	2.00	0.00	209164.56	245895.76		

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			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2018-19+/- T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
12	Providing, laying, spreading and compacting graded stone aggregate to Wet Mix Macadam	Cum	257.40	2633.40	677837.16	257.40	2765.07	711729.02	307.24	307.24	2765.07	849540.11	0.00	3.00	0.00	849540.11		137811.09	
																5957164.70			
13	KSRRB 500-1.Cleaning the existing WBM Road surface including removing of binding	Sqm	1119.15	22.26	24912.28	1119.15	22.26	24912.28	1262.02	1262.02	22.26	28092.57	0.00	5.00	0.00	28092.57		3180.29	
14	Providing and applying Primer Coat with SS1 grade Bitumen Emulsion on prepared surface of	Sqm	1119.15	48.40	54166.86	1119.15	48.40	54166.86	1262.02	1262.02	48.40	61081.77	0.00	6.00	0.00	61081.77		6914.91	
15	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP	Cum	55.96	10877.90	608727.28	55.96	11421.80	639163.93	63.10	63.10	11421.80	720715.58	0.00	7.00	0.00	720715.58		81551.65	
16	KSRRB 500-2.Cleaning the existing black topped surface with brooms,soft brushes and	Sqm	1119.15	5.30	5931.50	1119.15	5.30	5931.50	1262.02	1262.02	5.30	6688.71	0.00	8.00	0.00	6688.71		757.21	
17	Providing and applying Tack Coat with RS1 Bituminous Emulsion using emulsion	Sqm	1119.15	16.50	18465.98	1119.15	16.50	18465.98	1262.02	1262.02	16.50	20823.33	0.00	9.00	0.00	20823.33		2357.36	
18	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant	Cum	44.77	12684.10	567867.16	44.77	13318.31	596260.74	50.48	50.48	13318.31	672308.29	0.00	10.00	0.00	672308.29		76047.55	
19	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on	Sqm	44.28	525.80	23282.42	44.28	552.09	24446.55	50.10	50.10	552.09	27659.71	0.00	11.00	0.00	27659.71		3213.16	
20	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking	Cum	76.24	464.20	35390.61	76.24	487.41	37160.14	64.47	64.47	487.41	31423.32	0.00	12.00	0.00	31423.32	5736.82		
21	Construction of Dry Lean Cement Concrete Sub- base over a prepared sub-grade with coarse	Cum	57.18	4615.60	263920.01	57.18	4846.38	277116.01	48.36	48.36	4846.38	234370.94	0.00	13.00	0.00	234370.94	42745.07		
22	Providing and constructing un-reinforced plain Cement Concrete Pavement, thickness as	Cum	57.18	7520.70	430033.63	57.18	7896.74	451535.59	48.36	48.36	7896.74	381886.35	0.00	14.00	0.00	381886.35	69649.25		
23	Cutting transverse contraction joints 3 to 4 mm wide and depth 60mm in concrete slab using	m	101.90	77.00	7846.30	101.90	77.00	7846.30	32.10	32.10	77.00	2471.70	0.00	15.00	0.00	2471.70	5374.60		
24	Providing to contraction joints polysuphide sealent (Pouring grade) confirming to BS : 5212 -	m	101.90	181.50	18494.85	101.90	181.50	18494.85	32.10	32.10	181.50	5826.15	0.00	16.00	0.00	5826.15	12668.70		
25	Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper	Cum	1045.30	81.40	85087.42	1045.30	81.40	85087.42	764.94	764.94	81.40	62266.12	0.00	17.00	0.00	62266.12	22821.30		

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
26	Cost of Haulage Excluding Loading and Unloading Taking output 18 t load and lead 10 km	t.Km	1337.99	115.50	154537.85	1337.99	121.28	162271.43	979.12	979.12	121.28	118747.67	0.00	18.00	0.00	118747.67	43523.75		
																2687293.40			
	Additiona 6% GST Charges															161237.60			
																2848531.01			
	Sub Total				8398836.99											**8805695.71**		**311833.21**	
	GST @ 12%				1007860.44											**Additional GST @ 6%**		**161237.60**	
	DPR Charges @ 1%				96000.00														
	PMC Charges @ 1%				96000.00														
	Miscelaneous and unforgen charges	LS			1303.00														
	Total				**9600000.00**			**8808039.82**								**8805695.71**	**475410.83**	**473070.82**	

Work Slip Amount Percentage Excess $\frac{311833.21}{8808039.82} \times 100$ = **3.54%**

Approved Tender Amount 8808039.82

Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ
ಬೃ.ಬೆ.ಮ.ಪಾ. ಬೆಂಗಳೂರು

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ